

20040105.qrp v03_n156.qrl.20040105

Date: Mon, 5 Jan 2004 19:03:10 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3156

QRP-L Digest 3156

Topics covered in this issue include:

- 1) [164486] Re: Tubes? and GT??
by "Thomas Kuehl" <ac7a@earthlink.net>
- 2) [164487] Re: Tubes? and GT??
by Karl Larsen <k5di@zianet.com>
- 3) [164488] Re: VOTE!
by Karl Larsen <k5di@zianet.com>
- 4) [164489] Re: VOTE!
by "Thom R. Lacosta" <lacosta@bcpl.net>
- 5) [164490] Vote? WHY?
by Joel M Denison <hamjoel@juno.com>
- 6) [164491] Paddle #186 QRV But How to Hold it in Place?
by Curt Milton <wb8yyy@yahoo.com>
- 7) [164492] help with General Instrument Transistor ID
by kd4pbj@att.net
- 8) [164493] DSW-20 For Sale
by "Harvey Mitchell" <hmitchell13@houston.rr.com>
- 9) [164494] Re: VOTE! (--- -)
by "Goody K3NG" <k3ng@qrpis.org>
- 10) [164495] Re: Tubes? and GT??
by "Mike Yetsko" <myetsko@insydesw.com>
- 11) [164496] Re: VOTE!
by Alex <kr1st@amsat.org>
- 12) [164497] Sunday Evening Net
by "Jerry Ford" <benlightnd13@mchsi.com>
- 13) [164498] Re: VOTE!
by Alex <kr1st@amsat.org>
- 14) [164499] Neat stuff...
by Rob Matherly <jimrob@jetnetinc.net>
- 15) [164500] Re: [fpqrp] Sunday Evening Net
by "Juan Ferrari" <puntrad@usa.net>
- 16) [164501] Re: [fpqrp] Neat stuff...
by "Jim Crooke" <crooke@crooke.us>
- 17) [164502] SST-40
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 18) [164503] Re: [fpqrp] Neat stuff...
by Rob Matherly <jimrob@jetnetinc.net>
- 19) [164504] RE: Neat stuff...

by "JBCrafts" <jbcraft@adelphia.net>

20) [164505] Free QRPP Advertising!
by kenneth hoglund <hoglund@wfu.edu>

21) [164506] Re: [fpqrp] Sunday Evening Net
by "Mike-WB8ICN" <wb8icn@comcast.net>

22) [164507] Re: Miniature Potentiometers with 1/8" shafts
by Richard Lourette <lourette@frontiernet.net>

23) [164508] Elmer 160: Lesson 6
by "John J. McDonough" <wb8rcr@arrl.net>

24) [164509] NC20 "builders notes" page online
by "George Heron N2APB" <n2apb@clearviewcatv.net>

25) [164510] Holy Cow - Tigers Win
by James R Giammanco <n5ib@juno.com>

26) [164511] Re: Paddle #186 QRV But How to Hold it in Place?
by Steve Smith <sigcom@juno.com>

27) [164512] AMQRP DDS Daughter Card Questions
by Mr Mike Caughran <kl7r@yahoo.com>

28) [164513] RE: Tubes? and GT??
by Adam Farson <farson@shaw.ca>

29) [164514] Re: Paddle #186 QRV But How to Hold it in Place?
by Chuck Carpenter <w5usj@9plus.net>

30) [164515] RE: Tubes? and GT?? [military and metal??]
by Chuck Carpenter <w5usj@9plus.net>

31) [164516] Spartan Sprint Tonight!
by "John Huffman" <hjohnc@core.com>

32) [164517] Monday Stream - 7.040 returns
by "Paul Valko - W8KC" <w8kc@comcast.net>

33) [164518] Re: AMQRP DDS Daughter Card Questions
by "John J. McDonough" <wb8rcr@arrl.net>

34) [164519] Re: Paddle #186 QRV But How to Hold it in Place?
by W2BJ <barry@w2bj.com>

35) [164520] A words on the stats Was: VOTE!
by Alex <kr1st@amsat.org>

36) [164521] More Paddles Shipped
by Jerry Haigwood <w5jh@swlink.net>

37) [164522] Re: Paddle #186 QRV But How to Hold it in Place?
by Lee Mairs <lmairs@direcway.com>

38) [164523] Re: VOTE!
by "Bill Walker" <wv7g@arrl.net>

39) [164524] Re: Paddle #186 QRV But How to Hold it in Place?
by Jerry Haigwood <w5jh@swlink.net>

40) [164525] First QSO bliss
by "AI2Q" <ai2q@adelphia.net>

41) [164526] Re: Monday Stream - 7.040 returns
by Nelson Winter <thenels@go.com>

42) [164527] RE: North (& South) Magnetic Pole movement - Earth's Inconstant
Magnetic Field
by "Ron McConnell" <rcmcc@earthlink.net>

- 43) [164528] Re: Tubes? and GT??
by "George, W5YR" <w5yr@att.net>
- 44) [164529] Re: A words on the stats Was: VOTE!
by "Thom R. Lacosta" <lacosta@bcpl.net>
- 45) [164530] Re: [Re: Paddle #186 QRV But How to Hold it in Place?]
by Michael Goins <mgoins@usa.net>
- 46) [164531] Help w/ ID'ing diodes
by Tom Severt <n2uhc@yahoo.com>
- 47) [164532] 7Ah 12v Battery/charger sale
by ARDUJENSKI@aol.com
- 48) [164533] Re: Tubes? and GT?? [military and metal??]
by Bruce Muscolino <w6toy@erols.com>
- 49) [164534] Piggies in the Morning (Still)
by Chuck Carpenter <w5usj@9plus.net>
- 50) [164535] Re: [Re: Paddle #186 QRV But How to Hold it in Place?]
by WAYNE SMITH <k8ff@juno.com>
- 51) [164536] Re: Paddle #186 QRV But How to Hold it in Place?
by Steve Smith <sigcom@juno.com>
- 52) [164537] KG6CYN Experimenter's DDS Generator - assembly manual errata
by Jim Giammanco <giamman@rouge.phys.lsu.edu>
- 53) [164538] RE: More Paddles Shipped
by Mark Danner <MarkD@mfwl.org>
- 54) [164539] American QRP Club News
by "Doug Hendricks" <ki6ds@dospalos.org>
- 55) [164540] Amplifier questions
by ed miller <millered@magnet.fsu.edu>
- 56) [164541] Resistor wire
by Kenneth Cooperstein <cprstn54@att.net>
- 57) [164542] Re: AMQRP DDS Daughter Card Questions
by Steven Weber <kd1jv@moose.ncia.net>
- 58) [164543] Re: American QRP Club News
by John Sielke <jsielke@pobox.com>
- 59) [164544] Re: WAS 2 way QRP in 2004
by "palmer_t" <ThomasPalmer@colliergov.net>
- 60) [164545] QRP RTTY
by "Paul J Mackanos, Jr." <paul@prohomeinspector.net>
- 61) [164546] QRP Gear
by "Dale Parfitt" <par@parelectronics.com>
- 62) [164547] Slightly OT: 200W Amp with 5A drive
by "Lee Hopper" <leehopp@msn.com>
- 63) [164548] Need email address for Jeff Furman
by "Doug Hendricks" <ki6ds@dospalos.org>
- 64) [164549] Re: First QSO bliss
by Bob KB2FEL <kb2fel@yahoo.com>
- 65) [164550] RE: American QRP Club News
by "Jim Sheldon" <w0eb@cox.net>
- 66) [164551] Re: OT: Car RFI on 2m
by Shawn Upton <kb1ckt@yahoo.com>

- 67) [164552] dBm>V>Po Conversion Table
by Ed Tanton <n4xy@earthlink.net>
68) [164553] Re: QRP RTTY
by Bob Nielsen <nielsen@oz.net>
69) [164554] RE: American QRP Club News
by John Sielke <jsielke@pobox.com>
70) [164555] RE: American QRP Club News
by "Emmersome Bigguns" <n8ie@woh.rr.com>
71) [164556] RE: Earlier question about RF XFMR
by Ed Tanton <n4xy@earthlink.net>

Date: Sun, 4 Jan 2004 16:48:24 -0700
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: <kb2fel@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [164486] Re: Tubes? and GT??
Message-ID: <002001c3d31d\$3e326bf0\$120110ac@texas6oef4glwm>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I thought they were encased in metal to ruggedize them for military applications. I've heard stories of enemy bullets hitting radios, piercing the panel and not taking out the tubes. Surely a direct hit would do so, but metal tubes might just my survive a ricochet!

There's a high probability I am full of it.

Regards, Thomas - AC7A (Tucson)

----- Original Message -----

From: "Bob KB2FEL" <kb2fel@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, January 04, 2004 3:17 PM
Subject: Re: Tubes? and GT??

> Hi All,

>

> To my understanding the GT at the end of the tube part
> indicates, Glass Tube.

> My question is.... When and why did they start using
> Metal Enclosures for some tubes?

> I can assume lots of reasons, shielding for one, but
> would like to hear the correct one.

>
> 72
> Bob
> KB2FEL
>
>
> -----
> Do you Yahoo!?
> Protect your identity with Yahoo! Mail AddressGuard
> <http://antispam.yahoo.com/whatsnewfree>

Date: Sun, 4 Jan 2004 17:08:27 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: Bob KB2FEL <kb2fel@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [164487] Re: Tubes? and GT??
Message-ID: <Pine.LNX.4.44.0401041707040.5288-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 4 Jan 2004, Bob KB2FEL wrote:

> Hi All,
>
> To my understanding the GT at the end of the tube part
> indicates, Glass Tube.
> My question is.... When and why did they start using
> Metal Enclosures for some tubes?
> I can assume lots of reasons, shielding for one, but
> would like to hear the correct one.

The correct reason is that soldiers in tents are less likely to
bust a metal 6L6.

>
> 72
> Bob
> KB2FEL
>
>
> -----
> Do you Yahoo!?
> Protect your identity with Yahoo! Mail AddressGuard
> <http://antispam.yahoo.com/whatsnewfree>

>

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Sun, 4 Jan 2004 17:18:02 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: Lawrence Makoski <Makos327@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [164488] Re: VOTE!
Message-ID: <Pine.LNX.4.44.0401041712330.5288-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 4 Jan 2004, Lawrence Makoski wrote:

> Alex, et al.

>

> I contacted my Director about this issue as well as BPL last year.
> First off, he insisted I didn't live in his division. Thanks to Ed Hare
> for straightening him out on that one! Finally, when he DID respond, he
> addressed the e-mail to "Dear Ed". (Ed Swoffer was the original holder
> of W2LJ; but I think he became an SK in 1998 and my name has been
> attached to it for 4 years now;

I bet Ed had it for 50 years.

so I have no idea what database he was
> using!). Then, to top things off, he filled the e-mail with enough
> wriggle room so that you could sail the carrier Harry S. Truman clear
> through it!
>

If you write your director and demand he do something you will
get a waffle letter.

If you write a clear email to your director and tell him YOU
think this should be done, he will thank you for your opinion.

> Not a very encouraging response! Is BPL more important than the CW
> issue - yes, a 1000 times yes! But do I have enough confidence that the
> ARRL won't use the results of this amazingly, scientifically conducted

> poll to support their "official stand" on the CW issue?

>

BPL can be a real problem. But as of last month there is not one BPL installed system in the USA. There are several test installations.

> Unfortunately, no I don't. I am sad to say as a Lifemember of the ARRL,
> that I no longer have the confidence in them that I used to. Heavy sigh!

>

I suggest you call your Director. They are Hams.

> 73 de Larry W2LJ - Vivat Morse!

>

> W2LJ@arrl.net

> <http://www.qsl.net/w2lj>

>

> ARRL Lifemember QRP ARCI #4488 NJQRP #47

> FISTS #1469 QRP-L #778 FP #612 QRPp-I #759

> ARS #1528 --- K1 #1647 --- AmQRP, CQC #746

>

>

>

>

> ----- Original Message -----

> From: "Alex" <kr1st@amsat.org>

> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

> Sent: Sunday, January 04, 2004 3:50 PM

> Subject: Re: VOTE!

>

>

> > "James R. Duffey" wrote:

> >

> > > I suspect that the directors will respond more to individual appeals

> > > rather than to the results of a poll.

> >

> > You think there will be a response?

> >

> > As the ARRL indicates in their minutes and in online comments, there's
> a

> > democratic process in place. Unfortunately, there's no description to
> be

> > found what this process entails. Like Ed, W1RFI, indicated on this
> list

> > in the past, any director is free to decide in which form, if any, he
> or

> > she(?) gathers information from its constituents on the CW issue.

> >
> > Heard from your director lately?
> >
> > Good luck.
> >
> > 73,
> > --Alex KR1ST
> > <http://www.kr1st.com>
> >
>
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sun, 4 Jan 2004 19:39:16 -0500 (EST)
From: "Thom R. Lacosta" <lacosta@bcpl.net>
To: Mike Yetsko <myetsko@insydesw.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [164489] Re: VOTE!
Message-ID: <Pine.GS0.4.58.0401041936030.26896@mail>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 4 Jan 2004, Mike Yetsko wrote:

> > I don't think you can vote but once. I voted yesterday and
> > when I tried again just now the tally was 8552 before my
> > attempt and still 8552 after. I think the ARRL computer
> > keeps track by call sign of who has voted.
>
> Not by call sign, as I wasn't logged in as my account and I voted.
>
> Maybe by IP address? Or maybe by a cookie when you attach...

My vote(no matter how unscientific and biased it may be) is that the
League is using a product found at
<http://www.smartisoft.com/products.php?product=phpVote>

Not only is it free, but it boasts
-) Anti-Cheating (Cookie based)

But then again, I'm sure no one minds adding to the disk drive space we use by pumping cookies down the line to us.

Thom

<http://www.baltimorehon.com/> Home of the Baltimore Lexicon
<http://www.tlchost.net/> Web Hosting as low as 3.49/month

Date: Sun, 4 Jan 2004 19:56:25 -0500
From: Joel M Denison <hamjoel@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [164490] Vote? WHY?
Message-ID: <20040104.195626.3032.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

hIGH y'all

I was just thinking....about what? 1/3 of all hams are arrl members, out of that 1/3 the vote will be decided by what? 9 or ten folk.... perhaps the ballot needs to be counted in florida? :-)

gets interesting doesn't it... however we can all live with the results.... and with meaux folks up on 2 meters a good beam and qrp cw should be a blast....

So relax guys everything is gonna turn out just fine...even if we end up making a minor adjustment.... :-)

KE1LA

Joel Denison
Strong, Maine, 04983
Freezin solid up heah

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sun, 4 Jan 2004 17:03:44 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [164491] Paddle #186 QRV But How to Hold it in Place?
Message-ID: <20040105010344.73060.qmail@web60805.mail.yahoo.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

I am to report its QRV as of today. It won't win a beauty contest as i did some minor damage to finish in final assembly - but it works! If i had understood its concept of operations (e.g. paddle arms are grounded before contact) i may have saved some wear on it hi hi. I suspect i will spend a little more time perfecting the adjustments, but it works well. First two real QSO's with K5BT and K3WWP QRP ops, plus some 40m DX in between. I did add some more teflon tape before use and i may add some more.

Now how to i hold this thing in place? I use it on a wooden surface. Has anybody developed an interesting approach? I think I taxed all my mechanical aptitude in assembly!

Thanks again for the Az Scorpions sharing their project!

curt wb8yyy

Do you Yahoo!?
Free Pop-Up Blocker - Get it now
<http://companion.yahoo.com/>

Date: Mon, 05 Jan 2004 01:05:52 +0000
From: kd4pbj@att.net
To: qrp-l@lehigh.edu
Subject: [164492] help with General Instrument Transistor ID
Message-ID: <010520040105.3836.59f2@att.net>

I have a package of General Instruments transistors that I could use help identifying. They are marked Type 616-018 with a date code of 1979. They have 4 legs and are in a T0-18 type metal case, with one leg tied to the case. I think that they may be FET's. Any help would be greatly appreciated. Thank you.

Chris Waldrup
KD4PBJ

Date: Sun, 4 Jan 2004 19:13:28 -0600
From: "Harvey Mitchell" <hmittchell13@houston.rr.com>
To: "QRP-L list" <qrp-l@Lehigh.EDU>
Subject: [164493] DSW-20 For Sale
Message-ID: <004d01c3d329\$206adce0\$6400a8c0@houston.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale - Small Wonder Labs DSW-20, 20 Meter QRP CW Transceiver. Comes in the blue anodized aluminum enclosure. Solid 2 watts output. Original documentation included. \$110 shipped. Might be interested in a trade.....

72,

Harv, K5YU

Date: Mon, 5 Jan 2004 01:14:45 -0000
From: "Goody K3NG" <k3ng@qrpis.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [164494] Re: VOTE! (--- -)
Message-ID: <00c701c3d329\$5dcde3c0\$0169a8c0@loyalsock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Cookies can be deleted and if you're a dial-up user, you probably get a new IP address each time you connect.

What's that saying ? VOTE EARLY AND VOTE OFTEN ! :-) ha ha

----- Original Message -----

From: "Thom R. Lacosta" <lacosta@bcpl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, January 05, 2004 00:39
Subject: Re: VOTE!

> On Sun, 4 Jan 2004, Mike Yetsko wrote:

>

> > > I don't think you can vote but once. I voted yesterday and
> > > when I tried again just now the tally was 8552 before my
> > > attempt and still 8552 after. I think the ARRL computer

> > > keeps track by call sign of who has voted.
> >
> > Not by call sign, as I wasn't logged in as my account and I voted.
> >
> > Maybe by IP address? Or maybe by a cookie when you attach...
>
> My vote(no matter how unscientific and biased it may be) is that the
> League is using a product found at
> <http://www.smartisoft.com/products.php?product=phpVote>
>
> Not only is it free, but it boasts
> -) Anti-Cheating (Cookie based)
>
>
> But then again, I'm sure no one minds adding to the disk drive
> space we use by pumping cookies down the line to us.
>
>
> Thom
>
> <http://www.baltimorehon.com/> Home of the Baltimore Lexicon
> <http://www.tlchost.net/> Web Hosting as low as 3.49/month
>

Date: Sun, 4 Jan 2004 20:24:52 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Thomas Kuehl" <ac7a@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [164495] Re: Tubes? and GT??
Message-ID: <[004101c3d32a\\$b9d46ee0\\$0200a8c0@charter.net](mailto:004101c3d32a$b9d46ee0$0200a8c0@charter.net)>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I thought they were encased in metal to ruggedize them for military
> applications. I've heard stories of enemy bullets hitting radios,
> piercing
> the panel and not taking out the tubes. Surely a direct hit would do so,
> but
> metal tubes might just my survive a ricochet!
>
> There's a high probability I am full of it.
>
> Regards, Thomas - AC7A (Tucson)

I wonder what the 'shock rating' is of a glass tube vs a metal tube...

Date: Sun, 04 Jan 2004 00:34:50 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [164496] Re: VOTE!
Message-ID: <3FF7A5FA.82AE146@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Russ Hines wrote:

> More importantly, has your Director heard from YOU?

Yes, he did when I was a member, and so did my VD, and SM. I even made an effort to see them (VD and SM) personally and talked to them about an issue that was important to me and others. They said they would take it up with whomever, and would get back to me. I've sent emails in the past to no avail. I've heard from other hams in different states who expressed the same thing happening there. It's unfortunate, I tried it their way.

73,
--Alex KR1ST
<http://www.kr1st.com>

Date: Sun, 4 Jan 2004 20:43:11 -0600
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-1" <qrp-1@lehigh.edu>, "FPigs" <fpqrp-1@mpna.com>
Subject: [164497] Sunday Evening Net
Message-ID: <005a01c3d335\$aa29cf20\$4a78da0c@mchsi.com>

Dang Bands:

Man, I'm going to have to start doing what some of these traffic nets are doing and give a signal report then jump to the next person. It's the only way I'm going to get you all in there and get comments from each one before the band goes to pot on me.

However, in spite of it all, it was a super net with 13 check-ins.

Thanks to everyone for your check-ins and the relays from both Brian and Mikey helping me out with a couple of folks from the right coast.

First up to bats:

KB9BVN Brian An awesome signal tonight
Brain. Thanks a bunch for being there and thanks again for the
relay.

KW4JS John Thanks for stopping by
John. Hope to hear you again soon

K1EV Bill Wasn't sure I would
hear you at net time Bill. The bands was changing fast while we were
working with Jim earlier. A little rough with the SSB but got you in
there. Thanks for the check-in

WB8ICN Mikey Hi Mike. Great to have you
in there with us. I'm glad to see your getting some R&R Now,
tell me what I need to do different to make the net better for
everyone. It's frustrating not being able to get everyone worked.
Now that my wx has turned winter, I can get out and do some antenna
work to improve my end. LOL

AF4PS Mac Top of the leader board in
the WASP's A little rough at net time Mac but you jumped up quite
a bit when calling CQ after the net. Go get dem piggies man !!

WB5KHC Tom Real strong when you checked in
Tom but nothing there when
I got to you for comments. This band is nuts. Just can't tell
what it going to do.

K5LSU Jim Sorry Jim that I didn't
get to you before we lost it. I know you wanted to get to that
game. I watching it up here BTW. You guys are ahead right
now.
My fingers are crossed. C U L and thanks for stopping by

W2LJ Larry You would have been a good
signal in the clear Larry. The SSB folks just kept covering you up
to a point I wasn't sure about your suffix. Thanks to Brian for
relaying you in.

AJ4AY Jay Always a good signal up
here. Pretty rough this evening.
Got most of your comments Jay. Thanks for hanging around and

waiting until I got to you.

N2JNZ George First time for me George. It was great to have you check in. But again, the dang ole band just couldnt' wait a few more minutes before it dropped out on us.

WB4X Brent Brent is not a piggie but took a minute to stop in and say hello to everyone. A good signal from NC. Thanks Brent to you check-in and stop by anytime.

KG4FSN Juan Good signal when check-in Juan but nothing when I got to you. The Pac 12 is doing a good job. Thanks for the QNI

AWE a late QNI's just dropped by.

K4YBB Jim WOW one of the best signals on the net tonight. Thanks Jim for stopping in. You've got the CW thing going your way sounds to me like. Keep up the good work and I'll catch you agian soon I hope.

KE1LA Joel Our man from the great north east. Joel, I didn't hear you tonight. Thats unusual. Thanks to Mikey for relaying you in. Thanks for thinking of us and hope you can melt some of that snow and find your way out for a stretch.

So, thats unofficially 14 QNI's

Thanks to all of you and have a super week.

72 es oo Jerry N0JRN

FP # 546, 4SQR, ARS # 923, ARCI # 11049, ARRL, Springfield, Mo. MP + #8
<http://home.mchsi.com/~n0jrn>

Date: Sun, 04 Jan 2004 00:53:29 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [164498] Re: VOTE!
Message-ID: <3FF7AA59.46ECFBCB@amsat.org>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Bill,

I fully agree with you on the entertainment value of the ARRL polls, and I'm sure that that's what they are intended for. But even when we recognize that fact, we must wonder what is so attractive about them and why folks value them so much anyway. I'm afraid that even entertainment polls are more significant than we care to admit.

Bill Walker wrote:

> If you look at the numbers, the
> total number of votes equals barely 1% of licensed hams in this country.

Besides regular elections, I bet that the response to such a poll is still higher than any other correspondence that all directors received together on any given subject. Sure one can put greater value on fewer well written letters, but should only the folks who are not intimidated by such a form of democracy have a say?

Of course the ARRL knows how to conduct surveys. They just collaborated with a member of this list to conduct a survey on membership issues. The irony is that only non-members are requested to respond.

73,
--Alex KR1ST
<http://www.kr1st.com>

Date: Sun, 04 Jan 2004 21:09:57 -0600
From: Rob Matherly <jimrob@jetnetinc.net>
To: fpqrp-1@mpna.com, qrp-1@lehigh.edu
Subject: [164499] Neat stuff...
Message-ID: <3FF8D585.9020800@jetnetinc.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

<http://marsrovers.jpl.nasa.gov/gallery/all/spirit.html>

A "raw" feed of the pictures being sent back to us from the latest billion-dollar plaything to be plunked down on Mars.

Face it - we all know they're screening the pictures for E.T.'s before

they let us see them.....

--

72/73/oo - Rob, W0JRM - jimrob@jetnetinc.net - ARRL MEMBER
FPQrp -330; QRPp-I #19; WATPK #1; SOC #442; ARS #1143
Are you a gun nut? http://groups.yahoo.com/group/gun_nut_hams
<http://www.robmatherly.com> <--- Not ham related!

Date: Mon, 5 Jan 2004 03:11:58 -0000
From: "Juan Ferrari" <puntrad@usa.net>
To: "Jerry Ford" <benlightnd13@mchsi.com>, "qrp-1" <qrp-1@Lehigh.EDU>,
"FPigs" <fpqrp-1@mpna.com>
Subject: [164500] Re: [fpqrp] Sunday Evening Net
Message-ID: <010901c3d339\$af1fcf80\$79514b43@puntana.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yeap Jerry.
I was getting you 58n with some QSB when my QNI but I lost you later. I
heard WB4X vry strong having the comment but only got something very weak
from you when you were closing.
With the band as it is now I think that the net controllers should give all
the chance to at least exchange the FP nrs as soon as possible and reserve
the chat for the second run.
Just my 1.5 cent.
Tnx anyway for trying to work me. CU next time.
72 es oos
Juan - KG4FSN

Date: Sun, 4 Jan 2004 21:17:37 -0600
From: "Jim Crooke" <crooke@crooke.us>
To: <qrp-1@lehigh.edu>
Subject: [164501] Re: [fpqrp] Neat stuff...
Message-ID: <016f01c3d33a\$789265d0\$6500a8c0@kj0c>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Rob Matherly" <jimrob@jetnetinc.net>

>

> Face it - we all know they're screening the pictures for E.T.'s before

> they let us see them.....

>

Rob,

You're so young and naive. They are not screening these for E.T.'s, it is all done on a sound stage in Texas. I've seen Capricorn One ; -)

73 es oo's de Jim KJ0C

Healer of Brachycephalics and other fine looking creatures

in Springfield, MO semi-official veterinarian of the Flying Pig QRP Club

FP # -108 SOC #37 PITA #2

Date: Sun, 4 Jan 2004 21:19:20 -0600

From: "Doc K0EVZ" <dock0evz@earthlink.net>

To: "qrp-l reflector" <qrp-l@lehigh.edu>

Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>

Subject: [164502] SST-40

Message-ID: <41200411531920101@earthlink.net>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Gang:

Wow, what a response on the SST-40. It has been spoken for and will soon make its way to California. Thanks to all who responded to the offer.

73,

--Doc/K0EVZ

Date: Sun, 04 Jan 2004 21:27:57 -0600
From: Rob Matherly <jimrob@jetnetinc.net>
To: crooke@crooke.us
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>,
fpqrp-1@mpna.com
Subject: [164503] Re: [fpqrp] Neat stuff...
Message-ID: <3FF8D9BD.5070200@jetnetinc.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Jim Crooke wrote:

>>Face it - we all know they're screening the pictures for E.T.'s before they let
us see them.....

>>

>>

>

>

>Rob,

>

>You're so young and naive. They are not screening these for E.T.'s, it is all
done on a sound stage in Texas. I've seen Capricorn One ; -)

>

>

Sigh So now this AND the moon landing? :- (

--

72/73/oo - Rob, W0JRM - jimrob@jetnetinc.net - ARRL MEMBER
FPQrp -330; QRPp-I #19; WATPK #1; SOC #442; ARS #1143
Are you a gun nut? http://groups.yahoo.com/group/gun_nut_hams
<http://www.robmatherly.com> <--- Not ham related!

Date: Sun, 4 Jan 2004 22:28:16 -0500
From: "JBCrafts" <jbcraft@adelphia.net>
To: <jimrob@jetnetinc.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [164504] RE: Neat stuff...
Message-ID: <AGEJJBFLLHMOECFDINOGEMIEIAA.jbcraft@adelphia.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

hey Rob, neat pictures... amazing what they can do on a sound stage and computers these days.

00
Bob

Date: Sun, 04 Jan 2004 22:32:18 -0500
From: kenneth hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [164505] Free QRPP Advertising!
Message-ID: <3FF8DAC2.1040104@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Wonder who read thru the last ARRL newsletter far enough to catch this note about the T04E/T04WW Dxpedition?

"At one point, he said, team member Pascal Roha, F5PTM, managed to work a pileup with the power output meter sitting at zero--an estimated 100 mW!"

73

Ken KG4FGC

Date: Sun, 4 Jan 2004 22:35:22 -0500
From: "Mike-WB8ICN" <wb8icn@comcast.net>
To: "Jerry Ford" <benlightnd13@mchsi.com>, "qrp-1" <qrp-1@lehigh.edu>, "FPigs" <fpqrp-1@mpna.com>
Subject: [164506] Re: [fpqrp] Sunday Evening Net
Message-ID: <009701c3d33c\$f3ee8720\$0100a8c0@mshome.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Jerry Ford" <benlightnd13@mchsi.com>

Subject: [fpqrp] Sunday Evening Net

> Now, tell me what I need to do different to make the net better for
> everyone. It's frustrating not being able to get everyone worked.

Jerry, you got to be kidding me. Don't change a thing...you get more check-ins than I ever did, and that should tell you something!!!

You've got a good signal, great fist, firm control of the net and a great set of ears!!! Keep doing the net just like you are now...you make it seem so natural and fun!!! When you get alot of check-ins, you are going to lose some due to QSB or the band changing on you...but that can't be helped. You get lots of QNI's because of your style and ability to hear all of us and control the net.

OMG, I should be taking lessons from you---Keep It Like It Is Mr. FP NCS!!!!

Thanks for super net tonite...I will be in San Jose, CA next Sunday, but will take the rig with me and try to listen to the net. I will also try to be on 30 and 20 if 40 don't work out for me to reach out and touch piggies.

00's Jerry and again, thanks for keep the Sunday nite FP Net in good shape!!!

Mikey

Date: Sun, 04 Jan 2004 23:07:47 -0500

From: Richard Lourette <lourette@frontiernet.net>

To: qrp-l@Lehigh.EDU

Subject: [164507] Re: Miniature Potentiometers with 1/8" shafts

Message-ID: <5.1.1.6.0.20040104230606.0278fa90@pop3.frontiernet.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

I ordered some miniature pots from Mouser that fit in an altoids tin. I used= them for volume controls for the RockMite.

Rich

I've been looking for some miniature pots that would fit into small places,=

and had 1/8" shafts. Had trouble finding some, especially a hundred K one= to be the speed control for my NorCal keyer (I robbed the one I had in the= NorCal to put in my DSW-II-20 after getting Chuck Olson's DSWK chip). This= morning I was given a couple of the Allen Bradley miniature "locking"= type's with short, screwdriver adjustable shafts. These came with the= "locking" nut already removed. The threaded mounting sleeve is tapered near= the end of the shaft, and is slotted to be crimped down on the shaft by the= locking nut. The threaded portion is almost 1/2" long, and longer than= really needed to provide mounting through a panel. I chucked the pot in my= drill press with the shaft pointing downward. I then got out my flexible= shaft tool with a small Dremel type cutoff wheel chucked in it. Spun the= pot with the drill press and carefully cut through the mounting shank= without going so far as to cut the shaft off. This left me with enough= shaft protruding to install a knob and after installing it in the NorCal= keyer, it worked. It's amazing what you can come up with when you're broke= and desperate for specialized parts - LOL.=20

--

Richard Lourette
lourette@frontiernet.net

Date: Sun, 4 Jan 2004 23:19:49 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [164508] Elmer 160: Lesson 6
Message-ID: <02ae01c3d343\$29827170\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK gang. Lesson 6 is up on the AmQRP web site.

In this lesson, we are going to look at subroutines.

I've begun to spend less time laboring over what each instruction does, and about all the details of setting up projects and the like. Check back with the previous lessons if you don't recall exactly what some instruction or another does. If you haven't already, now is a good time to print out page 6 of the quick reference card. (I don't have anything against the other pages, but 90% of the time, page 6 is the one you need!)

We're actually starting to get our programs to do something interesting, so fasten your seat belts!

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 4 Jan 2004 23:41:18 -0500
From: "George Heron N2APB" <n2apb@clearviewcatv.net>
To: "NJQRP" <njqrp@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [164509] NC20 "builders notes" page online
Message-ID: <016801c3d346\$2a004ca0\$6400a8c0@n2apb1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

We've been getting more and more of the projects and older kit information onto the AmQRP website ... the NorCal 20 Transceiver pages are once again available with valuable notes on constructing this classic QRP rig ...
<http://www.amqrp.org/kits/kits.html>

73, George N2APB
for the AmQRP Club at www.amqrp.org

Date: Sun, 04 Jan 2004 21:18:34 PST
From: James R Giammanco <n5ib@juno.com>
To: qrp-l@Lehigh.edu
Subject: [164510] Holy Cow - Tigers Win
Message-ID: <20040105.000807.7551.3.n5ib@juno.com>

Well, our LSU Tigers pulled out a Sugar Bowl win in a nail-biter. I spent the game with the picture on, sound off, QSOing some QRPers on 20, 40, 30 and 80 meters. Those lucky ops will get a special commemorative certificate from K5LSU and the Amateur Radio Society at LSU.

Wonder how many full-up K2's Coach Saban would be able to buy with the raise he's about to get...

Mike, K5LSU

ps... by tradition, all ops at K5LSU are "Mike" in honor of our mascot,
Mike the Tiger.

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sun, 4 Jan 2004 21:18:36 -0800
From: Steve Smith <sigcom@juno.com>
To: wb8yyy@yahoo.com
Cc: qrp-1@Lehigh.EDU
Subject: [164511] Re: Paddle #186 QRV But How to Hold it in Place?
Message-ID: <20040104.211836.4064.3.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Curt,

If you didn't wear it out while sanding, just use that square of shelf
liner that came with the kit. That stuff is amazing. It takes a few
pounds of lateral pressure to move my Brown Bros. paddle when it's
sitting on that stuff.

73.....Steve Smith, WB6TNL
Oxnard, CA USA
"Snort Rosin"

On Sun, 4 Jan 2004 17:03:44 -0800 (PST) Curt Milton <wb8yyy@yahoo.com>
writes:

>
> Now how to i hold this thing in place? I use it on a
> wooden surface. Has anybody developed an interesting
> approach?
>
> curt wb8yyy

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!

Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sun, 4 Jan 2004 21:27:16 -0800 (PST)
From: Mr Mike Caughran <kl7r@yahoo.com>
To: qrp-1@lehigh.edu
Subject: [164512] AMQRP DDS Daughter Card Questions
Message-ID: <20040105052716.37967.qmail@web40406.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Q1: Is there an NT version of the control program?

Can you use loaddriv and directio like in the elmer160
documentation for FPP?

Q2: What can be done to limit power consumption of the
daughter card?

I was thinking of putting it into a qrp rig but 100 mA
is a bit high for the battery budget.
I tried dropping the supply voltage.

Power out dropped with lowered supply voltage
until about 4 volts then the power raised back up.
Lowering supply voltage even more caused the
synthesizer to stop working.
Never did the current drop below 50 ma

Mike
KL7R

Do you Yahoo!?
Find out what made the Top Yahoo! Searches of 2003
<http://search.yahoo.com/top2003>

Date: Sun, 04 Jan 2004 22:40:57 -0800
From: Adam Farson <farson@shaw.ca>
To: Low Power Amateur Radio Discussion <qrp-1@LEHIGH.EDU>
Subject: [164513] RE: Tubes? and GT??
Message-ID: <COEHICILCFODCAILDEBKKEPHDFAA.farson@shaw.ca>

MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Hi Bob,

As I recall:

G = Glass Envelope

GT = Glass Tubular envelope (i.e. cylindrical like a 6146, rather than
bulbous like an 807)

I believe that RCA and other US manufacturers introduced metal tubes (e.g.
6K7) in the mid-1930's. If I am not mistaken, metal tubes were already in
the JAN VT list by the time of Pearl Harbor.

Cheers for now, 73,
Adam VA7OJ/AB4OJ

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
Bob KB2FEL

Sent: Sunday, January 04, 2004 14:17

To: Low Power Amateur Radio Discussion

Subject: Re: Tubes? and GT??

Hi All,

To my understanding the GT at the end of the tube part
indicates, Glass Tube.

My question is.... When and why did they start using
Metal Enclosures for some tubes?

I can assume lots of reasons, shielding for one, but
would like to hear the correct one.

72
Bob
KB2FEL

Date: Mon, 05 Jan 2004 05:50:23 -0600
From: Chuck Carpenter <w5usj@9plus.net>

To: wb8yyy@yahoo.com, qrp-1@lehigh.edu
Subject: [164514] Re: Paddle #186 QRV But How to Hold it in Place?
Message-ID: <3.0.2.32.20040105055023.008247a0@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Curt,

You can use some of that somewhat tacky rubberized shelf liner material.
I use it under my paddles. Keeps them in place quite nicely.

Also, in the cloth department of stores like WalMart, there are packages of little round rubber-like things. These are used on tools by folks who work with cloth to keep the tools from sliding around (my YF is a quilter). I use them on Altoids and other such enclosures that I build stuff in and under my J-38 straight key. You can stack them one on another to make them a little taller if needed too.

>I am to report its QRV as of today. It won't win a
>beauty contest as i did some minor damage to finish in
>final assembly - but it works! If i had understood
>its concept of operations (e.g. paddle arms are
>grounded before contact) i may have saved some wear on
>it hi hi. I suspect i will spend a little more time
>perfecting the adjustments, but it works well. First
>two real QSO's with K5BT and K3WWP QRP ops, plus some
>40m DX in between. I did add some more teflon tape
>before use and i may add some more.

>

>Now how to i hold this thing in place? I use it on a
>wooden surface. Has anybody developed an interesting
>approach? I think I taxed all my mechanical aptitude
>in assembly!

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Mon, 05 Jan 2004 05:59:13 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: farson@shaw.ca,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [164515] RE: Tubes? and GT?? [military and metal??]

Message-ID: <3.0.2.32.20040105055913.008256e0@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Even during times of military need, there were very few tubes in metal envelopes. At least it appeared that way from all of the military surplus that was around and many of us used.

At 10:40 PM 01/04/2004 -0800, Adam Farson wrote:

>Hi Bob,
>
>As I recall:
>
>G = Glass Envelope
>GT = Glass Tubular envelope (i.e. cylindrical like a 6146, rather than
>bulbous like an 807)
>
>I believe that RCA and other US manufacturers introduced metal tubes (e.g.
>6K7) in the mid-1930's. If I am not mistaken, metal tubes were already in
>the JAN VT list by the time of Pearl Harbor.
>
>Cheers for now, 73,
>Adam VA7OJ/AB4OJ
>
>
>-----Original Message-----
>From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
>Bob KB2FEL
>Sent: Sunday, January 04, 2004 14:17
>To: Low Power Amateur Radio Discussion
>Subject: Re: Tubes? and GT??
>
>
>Hi All,
>
>To my understanding the GT at the end of the tube part
>indicates, Glass Tube.
>My question is.... When and why did they start using
>Metal Enclosures for some tubes?
>I can assume lots of reasons, shielding for one, but
>would like to hear the correct one.
>
>72
>Bob
>KB2FEL
>
>

>
>

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Mon, 5 Jan 2004 07:24:36 -0500
From: "John Huffman" <hjohnc@core.com>
To: <adventureradiosociety-announcements@mailman.qth.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [164516] Spartan Sprint Tonight!
Message-ID: <009e01c3d386\$e38ddf30\$b4ac59cf@jhuffmanlt>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tonight is the January Adventure Radio Society Spartan Sprint. Two hours
starting at 9 pm Eastern, 8 pm Central, 7 pm Mountain, 6 pm Pacific.

Exchange - Report, State (Province), Power as in: 559 MI 5W

Enjoy, and get your logs in by noon Wednesday. Results should be posted by
Thursday.

After the Sprint, fill out the Autolog at www.ARSqrp.com/ars/ss_log.html

73 de NA8M
John
Contest Manager

Date: Mon, 5 Jan 2004 07:53:37 -0500
From: "Paul Valko - W8KC" <w8kc@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <tentec@contesting.com>
Subject: [164517] Monday Stream - 7.040 returns
Message-ID: <04ad01c3d38a\$f21780c0\$6401a8c0@hamshack1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hello Friends,

After taking a break over the weekend, the W8KC audio stream is flowing again today, back on the ever-popular 7.040MHz.

Take a moment and enjoy listening to the 40M QRP calling frequency, as it sounds here in the northern suburbs of Detroit:
<http://www.w8kc.com/stream.asx>

You might even hear yourself... it's happened. Give it a listen if you get the chance. eSWL reports appreciated.

It's my Corsair with the 1.8kc filter in line. Ant is a full wave dipole with ladder line through an LDG AT-11 about 30 miles north of Detroit.

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics.

Visit the Virtual Ten*Tec Museum at <http://mywebpages.comcast.net/w8kc>

Date: Mon, 5 Jan 2004 08:29:53 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <kl7r@yahoo.com>
Subject: [164518] Re: AMQRP DDS Daughter Card Questions
Message-ID: <003301c3d390\$010015c0\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike

The main culprit is the oscillator. The DDS Daughter card uses one of the lower current oscillators, but even so, the higher in frequency you go with an oscillator, the hungrier it gets. Of course, the lower you go, the more ragged the sine wave gets, so it's a nasty tradeoff. Still, if you are looking for, say, a 5 MHz injection, then maybe a 40 MHz or so oscillator wouldn't be such a problem, and you would dramatically reduce the current consumption. However, it would take software changes, and probably wouldn't hurt to recalculate the elliptical filter, either. The 9850 can take some current, too, although I've never seen one eat anywhere near as much as their spec sheet says it does. Again, though, the lower the clock, the lower the current.

DigiKey has a huge selection of compatible oscillators, although their selection is pretty weak on the >100MHz end. But read the specs really carefully. Some of those things are amazingly hungry.

Hope this helps.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Mr Mike Caughran" <kl7r@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, January 05, 2004 12:27 AM
Subject: AMQRP DDS Daughter Card Questions

> Q1: Is there an NT version of the control program?
>
> Can you use loaddrv and directio like in the elmer160
> documentation for FPP?
>
>
>
> Q2: What can be done to limit power consumption of the
> daughter card?
>
> I was thinking of putting it into a qrp rig but 100 mA
> is a bit high for the battery budget.
> I tried dropping the supply voltage.
>
> Power out dropped with lowered supply voltage
> until about 4 volts then the power raised back up.
> Lowering supply voltage even more caused the
> synthesizer to stop working.
> Never did the current drop below 50 ma
>
>
> Mike
> KL7R
>
> -----
> Do you Yahoo!?
> Find out what made the Top Yahoo! Searches of 2003
> <http://search.yahoo.com/top2003>
>

Date: Mon, 05 Jan 2004 08:43:58 -0500
From: W2BJ <barry@w2bj.com>
To: <sigcom@juno.com>, QRP-L <qrp-l@lehigh.edu>
Subject: [164519] Re: Paddle #186 QRV But How to Hold it in Place?
Message-ID: <BC1ED44E.F60%barry@w2bj.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

On 1/5/04 12:18 AM, "Steve Smith" <sigcom@juno.com> wrote:

> Curt,
>
> If you didn't wear it out while sanding, just use that square of shelf
> liner that came with the kit. That stuff is amazing. It takes a few
> pounds of lateral pressure to move my Brown Bros. paddle when it's
> sitting on that stuff.
>
> 73.....Steve Smith, WB6TNL
> Oxnard, CA USA
> "Snort Rosin"
>
>
I use that type of shelf liner for all of my keys, bugs and paddles. It
works great.
73/72,
Barry, W2BJ

Date: Mon, 05 Jan 2004 08:44:35 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [164520] A words on the stats Was: VOTE!
Message-ID: <3FF96A43.3900E6A8@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi there,

In order to get a clearer and more correct picture on how folks voted on
the CW issue presented in that poll, one should not forget to only take

into account the votes cast for retain/drop CW. You can not know how the folks who voted on the other issues feel about the CW issue ('cept that it plays lesser of a role to them).

What this means is that you have to recalculate the percentages based on the population that voted on the CW issue. When I checked this morning, 3058 votes were cast to drop the code and 5052 votes were cast in favor of retaining the code requirement. The posted percentages are respectively 31.8 and 52.5. Recalculating the percentages for the appropriate population shows that actually 37.7% voted to drop the code and 62.3% voted to retain the code. Quite a difference.

The way the poll is conducted and presented (btw, the ARRL does call these "surveys"), a minority can be shown in the results to retain the code requirement while that minority actually may easily represent the majority.

And one should never present a link (option a.) to "favorable information" in any serious survey, which of course this isn't. Too bad that whoever composed the poll didn't include a link to their own CW information page (<http://www.arrl.org/FandES/ead/learncw/>). I guess that page wouldn't attract new members, nor new funds.

73,
--Alex KR1ST
<http://www.kr1st.com>

Date: Mon, 05 Jan 2004 07:01:59 -0700
From: Jerry Haigwood <w5jh@swlink.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [164521] More Paddles Shipped
Message-ID: <3FF96E57.9E2ACC38@swlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks,

As someone on the list pointed out we have shipped more paddles (batch 3). If you want to see if you are on the list, take a look at <http://www.swlink.net/~w5jh/serial_numbers.htm>. Batch 4 is scheduled to be shipped by January 17. Incidentally, batch 4 should just about catch us up on backorders!

Enjoy the paddle building process.

Jerry W5JH
<http://www.swlink.net/~w5jh/brasspaddle.htm>

Date: Mon, 05 Jan 2004 09:40:59 -0500
From: Lee Mairs <lairs@direcway.com>
To: sigcom@juno.com,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [164522] Re: Paddle #186 QRV But How to Hold it in Place?
Message-ID: <06b301c3d399\$f1d2b1c0\$0200a8c0@J4>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Steve -

I assume you use the shelf liner in lieu of the four feet in the kit.

Can anybody tell me the size of the wire used to connect the arms to the base? Needless to say, I broke one of mine while sanding the base down to the required 1/32"... I replace it with another piece from my junk box, but I am almost certain that is too thick and will impede arm movement.

I finally got enough coats of lacquer on the base to build the base back up to the original 1/4" thickness and am ready for some assembly.

73 de Lee
km4yy/8

----- Original Message -----

From: "Steve Smith" <sigcom@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, January 05, 2004 12:18 AM
Subject: Re: Paddle #186 QRV But How to Hold it in Place?

> Curt,
>
> If you didn't wear it out while sanding, just use that square of shelf
> liner that came with the kit. That stuff is amazing. It takes a few
> pounds of lateral pressure to move my Brown Bros. paddle when it's
> sitting on that stuff.
>
> 73.....Steve Smith, WB6TNL
> Oxnard, CA USA
> "Snort Rosin"

>
> On Sun, 4 Jan 2004 17:03:44 -0800 (PST) Curt Milton <wb8yyy@yahoo.com>
> writes:
> >
> > Now how to i hold this thing in place? I use it on a
> > wooden surface. Has anybody developed an interesting
> > approach?
> >
> > curt wb8yyy
>
>
> -----
> The best thing to hit the internet in years - Juno SpeedBand!
> Surf the web up to FIVE TIMES FASTER!
> Only \$14.95/ month - visit www.juno.com to sign up today!
>

Date: Mon, 5 Jan 2004 07:45:55 -0700
From: "Bill Walker" <wv7g@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [164523] Re: VOTE!
Message-ID: <001101c3d39a\$a016f7f0\$0a0110ac@pluto>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Alex wrote:

> Besides regular elections, I bet that the response to such a poll is
> still higher than any other correspondence that all directors received

True, we should all try to give them as much feedback as possible if we want them to vote according to our collective wishes.

> together on any given subject. Sure one can put greater value on fewer
> well written letters, but should only the folks who are not intimidated
> by such a form of democracy have a say?

Certainly not. As I stated "ANY single web poll". It was my intent to point out that if our representatives are the responsible people we all assume them to be, they will use more than just the result of these polls to make their decisions. All things considered, I believe they do a fine job and I appreciate their efforts.

72,
Bill Walker - WV7G

Date: Mon, 05 Jan 2004 07:50:19 -0700
From: Jerry Haigwood <w5jh@swlink.net>
To: lmairs@direcway.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [164524] Re: Paddle #186 QRV But How to Hold it in Place?
Message-ID: <3FF979AB.7DC20443@swlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Lee,

No you do not use the shelf liner in lieu of the feet. They are used together. The feet will stick to the shelf liner reasonably well and prevent sliding. The wire used to ground the paddle arms is #30 silver plated.
Jerry W5JH

Lee Mairs wrote:

> Steve -
> I assume you use the shelf liner in lieu of the four feet in the kit.
>
> Can anybody tell me the size of the wire used to connect the arms to the
> base? Needless to say, I broke one of mine while sanding the base down to
> the required 1/32"... I replace it with another piece from my junk box, but
> I am almost certain that is too thick and will impede arm movement.
>
> I finally got enough coats of lacquer on the base to build the base back up
> to the original 1/4" thickness and am ready for some assembly.
>
> 73 de Lee
> km4yy/8
>
> ----- Original Message -----
> From: "Steve Smith" <sigcom@juno.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Monday, January 05, 2004 12:18 AM
> Subject: Re: Paddle #186 QRV But How to Hold it in Place?
>
> > Curt,
> >
> > If you didn't wear it out while sanding, just use that square of shelf

> > liner that came with the kit. That stuff is amazing. It takes a few
> > pounds of lateral pressure to move my Brown Bros. paddle when it's
> > sitting on that stuff.
> >
> > 73.....Steve Smith, WB6TNL
> > Oxnard, CA USA
> > "Snort Rosin"
> >
> > On Sun, 4 Jan 2004 17:03:44 -0800 (PST) Curt Milton <wb8yyy@yahoo.com>
> > writes:
> > >
> > > Now how to i hold this thing in place? I use it on a
> > > wooden surface. Has anybody developed an interesting
> > > approach?
> > >
> > > curt wb8yyy
> >
> >
> > -----
> > The best thing to hit the internet in years - Juno SpeedBand!
> > Surf the web up to FIVE TIMES FASTER!
> > Only \$14.95/ month - visit www.juno.com to sign up today!
> >

Date: Mon, 5 Jan 2004 10:01:27 -0500
From: "AI2Q" <ai2q@adelphia.net>
To: "QRP-L \ (E-mail\)" <qrp-l@Lehigh.EDU>
Subject: [164525] First QSO bliss
Message-ID: <000101c3d39c\$cc075f60\$6401a8c0@agstme.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Well, now that the holiday hubbub is over, I got some time to work on my
homebrew SSB transceiver.

I mechanically mounted my little driver/PA submodules in my fourth "Keep It
Simply Sideband" chassis/module today, and interconnected some changeover
relay cables to the other three modules, and---put the little KISS rig on
the air for the first time. I used my lab supply to feed it 12.8-V. At that
voltage, it draws 140-mA in RCV, jumping to 480-mA in XMT. Everything looked

good on my Tek 465B connected across the S0-239 at the rig's output.

Feeling lucky, I hesitantly broke into an SSB roundtable at about 3.85-MHz at 12z, and immediately caught the attention of KM1A, John in Connecticut. He gave me a 5 x 4 report from my QTH here in southern Maine.

Ain't too bad for what I measure on my scope at about 600-mW PEP, eh?

I calculated output power as $P = E(\text{peak})^2/2R = 8^2/2(50) = 64/100 = 640 \text{ mW}$.

The REALLY exciting part of this milliwatt QSO was that the other members of the roundtable chimed in!

VE3VKH, Ray, in Ottawa copied me clearly, and I also got "clear copy" reports from other ops (didn't catch their callsigns, as I was so excited logging this) on Prince Edward Island and New Jersey. This was VERY cool, I gotta say. Even these cats were excited.

A few minutes later and a few kc up the band, I made another ssb QSO with WB1AIJ, Bob, in East Hartford, but he had a hard time copying me due to QRM, and then someone broke in to ask if he could call his friend on the frequency. The breaker made his call and then congratulated Bob on being a "great operator" because he let him break in----clobbering my QSO. Oh, well, what can I expect with a whisper QRP rig?

Anyway, I made some JPEGs before and during final assembly, and when I put the rig on the air on my workbench, so I'll update my Web pages soon.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687
<http://users.adelphia.net/~alexmm/ai2q.htm>

.-.-.

.-.-.

Date: Mon, 5 Jan 2004 07:08:14 -0800 (PST)
From: Nelson Winter <thenels@go.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [164526] Re: Monday Stream - 7.040 returns
Message-ID: <7231150.1073315294481.JavaMail.thenels@gomailjtp04>
Mime-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 7bit

That's just soooo COOL!!!!

-----Original Message-----

From: "Paul Valko - W8KC" <w8kc@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Date: Mon Jan 05 04:53:37 PST 2004
Subject: Monday Stream - 7.040 returns

>Hello Friends,
>
>After taking a break over the weekend, the W8KC audio stream is
>flowing again today, back on the ever-popular 7.040MHz.
>
>Take a moment and enjoy listening to the 40M QRP calling
>frequency, as it sounds here in the northern suburbs of Detroit:
><http://www.w8kc.com/stream.asx>
>
>You might even hear yourself... it's happened. Give it a listen
>if you get the chance. eSWL reports appreciated.
>
>It's my Corsair with the 1.8kc filter in line. Ant is a full wave dipole
>with ladder line through an LDG AT-11 about 30 miles north of Detroit.
>
>73! =paul= W8KC
>Collector of Ten*Tecs and other fine plastics.
>Visit the Virtual Ten*Tec Museum at <http://mywebpages.comcast.net/w8kc>
>

Less = More
<http://www.qsl.net/wb6dwd/>
RM-40/30/20
QRP-L #2482

Check-out GO.com
GO get your free GO E-Mail account with expanded storage of 6 MB!
<http://mail.go.com>

Date: Mon, 5 Jan 2004 10:12:46 -0500
From: "Ron McConnell" <rcmcc@earthlink.net>
To: <qrp-canada@neale.gpfn.sk.ca>, <qrp-l@lehigh.edu>
Cc: "W2IOL" <w2iol@arrl.net>, <rattray@accesscomm.ca>
Subject: [164527] RE: North (& South) Magnetic Pole movement - Earth's Inconstant

Content-Transfer-Encoding: quoted-printable

Bruce ve5rc/ve5qrp, rattray@accesscomm.ca said,
"Thought everyone would find this interesting eh!?"

Well, at least one did. I may have missed them, but I didn't see any responses on grp-1.

Some more selected notes and links on the subject resulting from a search triggered by Bruce's message are below.

Cheers, 73,

Ron McConnell

w2iol@arrl.net

N 40=BA 46' 57.9" W 74=BA 41' 21.9"
 FN20ps77GU46 [FN20ps77GV75]
 Magnetic declination 13=BAW in early 2004

The World Magnetic Model (WMM) is included in my freeware GCGC program at

<http://home.earthlink.net/~rcmcc>

[illegible]

FAQs

<http://www.ngdc.noaa.gov/seg/potfld/faqgeom.shtml>

the North Magnetic Pole=20
is moving approximately northwest at 40 km per year.=20

The observed position for 2001=20
and estimated positions for 2002 to 2005 are:

Year	Latitude (=B0N)	Longitude (=B0W)
2001	81.3	110.8
2002	81.6	111.6

Observed position of the South Magnetic Pole

February 1998 64.59=B0 S 138.53=B0 E.

=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D

http://www.geolab.nrcan.gc.ca/geomag/arctics_e.shtml

<http://www.ngdc.noaa.gov/seg/potfld/faggeom.shtml#q1b>

NGDC/WDC for Solid Earth Geophysics archives and distributes=20

... no charge ... download the software, =20

```
... IBM compatible PC and on some UNIX machines.=20
```

=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D

To: <farson@shaw.ca>,

Subject: [164528] Re: Tubes? and GT??

Content-Type: text/plain;

Content-Transfer-Encoding: 7bit

Adam's recall is the same as mine . . . while in high school in the early

40's I worked in a radio shop. Many of the 1930's sets had metal tubes.

However, some tubes carried the marking "GT/G" - anyone know what that meant?

73, George W5YR
w5yr@att.net

----- Original Message -----

From: "Adam Farson" <farson@shaw.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, January 05, 2004 12:40 AM
Subject: RE: Tubes? and GT??

> Hi Bob,
>
> As I recall:
>
> G = Glass Envelope
> GT = Glass Tubular envelope (i.e. cylindrical like a 6146, rather than
> bulbous like an 807)
>
> I believe that RCA and other US manufacturers introduced metal tubes (e.g.
> 6K7) in the mid-1930's. If I am not mistaken, metal tubes were already in
> the JAN VT list by the time of Pearl Harbor.
>
> Cheers for now, 73,
> Adam VA7OJ/AB4OJ
>
>
> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
> Bob KB2FEL
> Sent: Sunday, January 04, 2004 14:17
> To: Low Power Amateur Radio Discussion
> Subject: Re: Tubes? and GT??
>
>
> Hi All,
>
> To my understanding the GT at the end of the tube part
> indicates, Glass Tube.
> My question is.... When and why did they start using
> Metal Enclosures for some tubes?
> I can assume lots of reasons, shielding for one, but
> would like to hear the correct one.

>
> 72
> Bob
> KB2FEL
>
>
>

Date: Mon, 5 Jan 2004 10:53:51 -0500 (EST)
From: "Thom R. Lacosta" <lacosta@bcpl.net>
To: Alex <kr1st@amsat.org>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [164529] Re: A words on the stats Was: VOTE!
Message-ID: <Pine.GS0.4.58.0401051051150.9930@mail>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 5 Jan 2004, Alex wrote:

>
> And one should never present a link (option a.) to "favorable
> information" in any serious survey, which of course this isn't. Too bad
> that whoever composed the poll didn't include a link to their own CW
> information page (<http://www.arrl.org/FandES/ead/learnCW/>). I guess
> that page wouldn't attract new members, nor new funds.

Well, one needs to remember that ARRL is a membership organization...and
without members, it dies.

But, if BPL gets past everyone, ARRL could very well stand for
American Radio Reminiscences League.

Thom

<http://www.baltimorehon.com/> Home of the Baltimore Lexicon
<http://www.tlchost.net/> Web Hosting as low as 3.49/month

Date: Mon, 05 Jan 2004 09:59:36 -0600
From: Michael Goins <mgoins@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [164530] Re: [Re: Paddle #186 QRV But How to Hold it in Place?]
Message-ID: <221iaeP8K8720S16.1073318376@uwdvg016.cms.usa.net>
Mime-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Mouse pads work well too, and there are all kinds available, even some that are simply a color (with no advertising).

mike
k5wmg

Chuck Carpenter <w5usj@9plus.net> wrote:

Curt,

You can use some of that somewhat tacky rubberized shelf liner material. I use it under my paddles. Keeps them in place quite nicely.

Also, in the cloth department of stores like WalMart, there are packages of little round rubber-like things. These are used on tools by folks who work with cloth to keep the tools from sliding around (my YF is a quilter). I use them on Altoids and other such enclosures that I build stuff in and under my J-38 straight key. You can stack them one on another to make them a little taller if needed too.

>I am to report its QRV as of today. It won't win a
>beauty contest as i did some minor damage to finish in
>final assembly - but it works! If i had understood
>its concept of operations (e.g. paddle arms are
>grounded before contact) i may have saved some wear on
>it hi hi. I suspect i will spend a little more time
>perfecting the adjustments, but it works well. First
>two real QSO's with K5BT and K3WWP QRP ops, plus some
>40m DX in between. I did add some more teflon tape
>before use and i may add some more. =

>
>Now how to i hold this thing in place? I use it on a
>wooden surface. Has anybody developed an interesting
>approach? I think I taxed all my mechanical aptitude
>in assembly! =

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Mon, 5 Jan 2004 08:00:07 -0800 (PST)
From: Tom Severt <n2uhc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [164531] Help w/ ID'ing diodes
Message-ID: <20040105160007.97700.qmail@web9606.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi all,

I obtained some diodes that were packaged in
ammo-style packaging. I can't find any info about
them on the web, so thought I'd try here & see if
anyone knows what type they are.

The first is a small glass or plastic body type,
silver in color. It has the Motorola logo with a K
next to it. The numbers below this are as follows:

020
952
151

The second is a glass body type painted blue with the
following designation:

MSC
010
460

The last is a standard plastic body style similar to a
1N4001, but has this printed on them:

GI
011
065
120

Any help pointing me toward a source for specs for these diodes would be helpful.

=====

Tom Severt N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?
Find out what made the Top Yahoo! Searches of 2003
<http://search.yahoo.com/top2003>

Date: Mon, 5 Jan 2004 11:36:56 EST
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [164532] 7Ah 12v Battery/charger sale
Message-ID: <1e1.16d83874.2d2aeca8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Got my Cabela (Outdoor items) catalog today and noted a special sale:

The battery sale appears in the Walleye, Pike Edition 2004 pg 154 of Cabela Catalog

Catalog numbers:

WWR 01-6658-001 Battery with charger (\$24.99)
WWR 01-6658-002 2 Batteries with charger (\$39.99)
WWR 01-6657-003 Battery Only (\$19.99)

Number is 800-237-4444 or www.cabelas.com

Alan KB7MBI in Woodinville, WA
FISTS 5702 / ARS / Proud member of ARRL
--- --- --- --- DIT DIT

Date: Mon, 05 Jan 2004 11:51:43 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: w5usj@9plus.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [164533] Re: Tubes? and GT?? [military and metal??]

Message-ID: <3FF9961F.A7C32B15@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chuck,

I would be very careful about making such a blanket statement. Tubes, glass, metal, large, small, were in some ways still evolving when this country began its preparation for WW2 back in the 30's. The effort ramped up even further in 1941 when we became a serious participant.

If you take a look at any point in time during the war you will see a very different cross section of equipment in use, equipment from the 30's that should have been or is now being phased out through brand new gear still in the shipping box. This will be true throughout the war years .

If we look at equipment cross section of any day we will see gear that is first being used in applications, like high altitude flight or other aircraft applications where the design engineers may have initially thought a metal tube offered shielding not available in a glass tube equivalent.

There was the effect of time on our equipment cross section too. As our technology improved tubes went from GT (glass tube) to subminiature. Metal tubes were easy to make and substitute for the very large, and large based tubes of the Octal era, but have you ever seen a metal 6AQ5? As technology marches forward many concepts fall by the wayside. What was standard equipment in the first old Curtiss aircraft flying at Pearl Harbor on December 7th, 1941, would have looked like tank equipment in a late model P-51 or P-47 being prepared in 1945.

And there is quantity too. For the early years of the war we left nearly as much hardware behind on the battlefield as we managed to drag home. This includes men and material. Couple this with small inventories of everything and you might have one reason to suspect the metal tube was never made or is as rare as gold coin. But if you had been an assembler in a radio plant in 1940 you might have seen the picture differently.

The wonderful surplus gear many of us cut our first teeth on was mostly left overs from late in the war. Yes, there were high volume equipment's when the war ended that found there way to the surplus market. Radios like the infamous Command Sets that we used in great quantity were of this category, and so was the J-38 telegraph key. BUT there were radios built before them during the war and radios built after them that were almost never seen. And add to the survivor pile

from World War 2 came the Korean war surplus, and then equipment obsolescence, and the propensity of our military to not give away their equipment to the home hobbyist, but to give it to other Governments (allies). Complex scrap heap!

Bruce

>
> Even during times of military need, there were very few tubes in metal
> envelopes. At least it appeared that way from all of the military surplus
> that was around and many of us used.
>
> At 10:40 PM 01/04/2004 -0800, Adam Farson wrote:
> >Hi Bob,
> >
> >As I recall:
> >
> >G = Glass Envelope
> >GT = Glass Tubular envelope (i.e. cylindrical like a 6146, rather than
> >bulbous like an 807)
> >
> >I believe that RCA and other US manufacturers introduced metal tubes (e.g.
> >6K7) in the mid-1930's. If I am not mistaken, metal tubes were already in
> >the JAN VT list by the time of Pearl Harbor.
> >
> >Cheers for now, 73,
> >Adam VA7OJ/AB4OJ
> >
> >
> >-----Original Message-----
> >From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> >Bob KB2FEL
> >Sent: Sunday, January 04, 2004 14:17
> >To: Low Power Amateur Radio Discussion
> >Subject: Re: Tubes? and GT??
> >
> >
> >Hi All,
> >
> >To my understanding the GT at the end of the tube part
> >indicates, Glass Tube.
> >My question is.... When and why did they start using
> >Metal Enclosures for some tubes?
> >I can assume lots of reasons, shielding for one, but
> >would like to hear the correct one.
> >
> >
> >72
> >Bob
> >KB2FEL

> >
> >
> >
> >
>
> Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
> QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57
> Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Mon, 05 Jan 2004 11:03:18 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu
Subject: [164534] Piggies in the Morning (Still)
Message-ID: <3.0.2.32.20040105110318.00830100@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Oinkers et al!

I'm an early riser sort of person. Any others who are up early and would like to make some FP Qs? As an alternative to the favorite default FP spots, I'm trying out 7116. Not much interference there so far.

One FP QSO (VE3) Sunday morning (1/4) and info that others had tried but the band was still too long that early.

Had a couple of nice long QSOs this morning (1/5) on 7116. One VA and one NC -- a QRPer who was running QR0 with his restored DX-60. No piggies though.

I'm calling CQ FP and listening around 7116 from 1200 to 1330 UTC more or less. I'm calling for 5 min about every 10 minutes if not in a QSO. Short exchanges or rag chew OK. I'll try to be on most every morning for a while and see how it goes.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Mon, 5 Jan 2004 12:22:44 -0500
From: WAYNE SMITH <k8ff@juno.com>
To: qrp-l@lehigh.edu
Subject: [164535] Re: [Re: Paddle #186 QRV But How to Hold it in Place?]

Message-ID: <20040105.122245.520.0.K8FF@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I recently did a rehab project on a Bencher BY1 paddle. Upon completion of the rehab, (cleaning contacts, realignment, tightening the handles etc.) I noticed that it was not staying put on the desk. A closer inspection revealed hardened and cracked rubber feet. I used rubber/vinyl bumpers used on kitchen cabinets applied to the bottom of the existing old cracked rubber feet. Lowe's sells a package of a dozen 1/2 inch diameter bumpers for less than \$2.00. The addition of the bumpers will raise the stance of the paddle (1/16 inch or so) but WILL fix the scooting around problem.

This simple fix will work on many different brands of paddles and bugs that suffer from slippery feet. I have used it on Bencher, Vibroplex and some homebrewed designs. The addition of the bumpers will provide additional clearance for the wire and allen wrench and clip in the Bencher.

Happy New Year to all, Wayne K8FF

Date: Mon, 5 Jan 2004 09:12:57 -0800

From: Steve Smith <sigcom@juno.com>

To: lmairs@direcway.com

Cc: qrp-1@Lehigh.EDU

Subject: [164536] Re: Paddle #186 QRV But How to Hold it in Place?

Message-ID: <20040105.093116.2140.0.sigcom@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Lee,

Actually, I haven't finished my AZ paddle yet. I glass bead blasted the parts so I didn't use the swatch of material. I just set my Brown Bros. paddle right smack on the material without removing the bumpers and will do the same with my AZ paddle. Works good for my bug too!

73.....Steve Smith, WB6TNL

Oxnard, CA USA

"Snort Rosin"

On Mon, 05 Jan 2004 09:40:59 -0500 Lee Mairs <lmairs@direcway.com>

writes:

> Steve -
> I assume you use the shelf liner in lieu of the four feet in the
> kit.
>
> Can anybody tell me the size of the wire used to connect the arms to
> the
> base? Needless to say, I broke one of mine while sanding the base
> down to
> the required 1/32"... I replace it with another piece from my junk
> box, but
> I am almost certain that is too thick and will impede arm movement.
>
> I finally got enough coats of lacquer on the base to build the base
> back up
> to the original 1/4" thickness and am ready for some assembly.
>
> 73 de Lee
> km4yy/8

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Mon, 05 Jan 2004 11:43:06 -0600
From: Jim Giammanco <giamman@rouge.phys.lsu.edu>
To: qrp-1@lehigh.edu
Cc: dwitt@htctech.net, graham@g3mfj.fsnet.co.uk, kg6cyn@softhome.net
Subject: [164537] KG6CYN Experimenter's DDS Generator - assembly manual errata
Message-ID: <3.0.1.32.20040105114306.008b0380@baton.phys.lsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Two errors have been discovered in version 1.4 of the manual for Trevor's DDS project. These errors are mine alone, not Trevor's - I sure didn't need any help to make 'em :^))

Page 3 - Figures 5 and 6 at the bottom of the page
Figure 5 and Figure 6 are incorrect and their positions should be swapped to conform to the captions.

Page 15 - 3rd paragraph
Some potentiometers may function in a direction opposite to the specified DigiKey part. If so, it may be necessary to start with the pot fully clockwise instead of counterclockwise. A cautionary statement has been

added to a following paragraph calling attention to this fact.

The files now available on the <<http://www.qsl.net/n5ib>> web page have been corrected, and the newest version is now version 1.5. The link to the DDS page is near the bottom of the left-hand column of thumbnails.

The file DDS_Generator_Manual_Errata_v14.PDF has also been posted with a link on the DDS page, and it contains a corrected copy of only the two pages involved, plus a new cover page showing version 1.5.

72

Jim N5IB

Date: Mon, 5 Jan 2004 09:45:45 -0800
From: Mark Danner <MarkD@mfwl.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [164538] RE: More Paddles Shipped
Message-ID: <49B4D83BB849004A99F31EDE1237446B255547@mail.mfwl.org>
MIME-Version: 1.0
Content-Type: text/plain

Aaah. #319 looks is a nice number. Too bad we are in the deep freeze with more snow on the way! I haven't been to Home Depot yet to get the stuff I need. Maybe, by the time #319 arrives, the city will have the streets passable!!! I can only hope!

Waiting with "baited breath" in Spokane (please, no "minnow mouth" jokes)

Mark, AB7MP

-----Original Message-----
From: Jerry Haigwood [mailto:w5jh@swlink.net]
Sent: Monday, January 05, 2004 6:02 AM
To: Low Power Amateur Radio Discussion
Subject: More Paddles Shipped

Folks,

As someone on the list pointed out we have shipped more paddles (batch 3). If you want to see if you are on the list, take a look at <http://www.swlink.net/~w5jh/serial_numbers.htm>. Batch 4 is scheduled to be shipped by January 17. Incidentally, batch 4 should just about

catch us up on backorders!

Enjoy the paddle building process.

Jerry W5JH

<http://www.swlink.net/~w5jh/brasspaddle.htm>

Date: Mon, 5 Jan 2004 10:18:31 -0800
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: <qrp-1@lehigh.edu>
Subject: [164539] American QRP Club News
Message-ID: <00c201c3d3b8\$54fa5140\$1fdbd7a8@Dougie>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As President of the American QRP Club, it is my priviledge and an honor to make the following announcements about recent changes in the AmQRP Club.

First of all, Randy Foltz, K7TQ has accepted the position of AmQRP Contest Manager. Randy, has several years experience as a contest manager, and we are very excited to have him join the AmQRP Club team. Randy will be responsible for scheduling and running all AmQRP Contests, and will also tabulate and score the results. Right now, AmQRP sponsors the NJQRP Homebrewer Sprint contest held in the early spring and and fall, originally started by NJ QRP Club, and the very popular QRP to the Field, originally sponsored by the NorCal QRP Club. All of these popular contests will continue, and Randy will be in charge of them for us. He will have announcements soon on other contests to come under AmQRP Club sponsorship. Randy will also have a regular column in the HOMEBREWER and a contesting section on the AmQRP web page. Ken Newman, N2CQ, will still be doing his very popular QRP Contesting Calendar, and will be working with Randy.

I am especially happy to announce that several clubs, including NorTex QRP Club, QRPine (Maine), and the Arizona ScQRPions, have affiliated with AmQRP. What this means is that the American QRP Club is now a broad coalition of QRP clubs from coast to coast and we will be co-sponsoring the following QRP forums: Atlanticon, hosted by NJ QRP Club, Ozarkcon, hosted by Four States QRP Club, Hamcon, hosted by NorTex QRP Club, Lobstercon hosted by QRPine, Ft. Tuthill, hosted by Arizona ScQRPions, and Pacificon, hosted by NorCal QRP Club. Our dream of forming a strong group of affiliated clubs that work together to host regional QRP Forums has happened much faster than we ever imagined that it would.

We have been excited about the success and growth of the club, and many ideas and programs are happening even faster than we envisioned. The local clubs, Arizona ScQRPions, Four States QRP, New Jersey, NorCal, NorTex, and QRPine all are very active. And all will be offering kits for all of you homebrewers out there. Arizona has their Paddle kits, Four States QRP has the Tenna Dipper, AmQRP has the PIC-EL kit coming in the next few days, New Jersey is doing the Micro908 Antenna Analyzer Kit, Rainbow Tuner Kit , the Atlanticon Kit, and the IQ-VFO Kit. plus NorCal has the NorCal Keyer, BLT, and the VE3DNL Marker Generator, NorTex has a kit coming in the near future, and QRPine has the Tuna Tin 2 kit. Kits from all clubs will be available at all QRP Forums this year, so you will have a tough decision on how to spend the money that you take with you to these events. Plus, exciting speakers and contests are planned for each event.

The AmQRP web page will soon have a section for each of our affiliated club kits, so that you can go to one source for all of your ordering details.

www.amqrp.org

Membership signup for the AmQRP Club has been amazing. We have more than doubled our membership in less than seven months, and now we believe that we are the largest active QRP club in the US, with 1935 current members. The second issue of the HOMEBREWER will be showing up in your mailbox in the near future and we are very excited about the improved production quality of our journal.

The AmQRP Club leadership team of Jim Cates, Chairman, Doug Hendricks, President, George Heron Secretary, Paul Maciel, Treasurer & Membership Chairman, and Joe Everhart, Technical Advisor, thank you for your support and patience through our beginnings. We could not do it without you.

72, Doug

Date: Mon, 05 Jan 2004 13:26:17 -0500
From: ed miller <millered@magnet.fsu.edu>
To: qrp-l@Lehigh.EDU
Subject: [164540] Amplifier questions
Message-ID: <5.1.1.5.2.20040105125917.00ab9458@mail.magnet.fsu.edu>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

To the informed ones:

I am trying to build an amplifier for my DDS Daughtercard in order to get a +17 dBm signal out. If my effort pays off I will use attenuators of 10dB and 7dB to have levels for mixers and a 0 dB level for use with a step attenuator for general use. In my attempts to build an amplifier I have raised more questions than I have answers. Both of the questions concern an inductor in the collector circuit. If the 4:1 transformer has an Xl at a particular frequency why does it transform the 50 Ohm load up to 800 Ohms as opposed to transforming the Xl value down by a factor of 16? This fact is gleaned from EMIFRD. Also why is a step-down transformer used for impedance matching when it has a 4:1 voltage reduction? By my calculations this is a 12dB reduction, somewhat self-defeating.

So far my results are not satisfactory. The wave form varies with frequency and I may have to go with a resistive collector load or maybe one of the MMIC's. I still need to vary the output so I can maintain a +17 dB level at the different frequencies. The DDS Daughtercard works perfect, it is my effort that is lacking.

Thank you for reading
Ed KC4MHM

Date: Mon, 05 Jan 2004 13:22:01 -0500
From: Kenneth Cooperstein <cprstn54@att.net>
To: unlisted-recipients;; (no To-header on input)
Cc: qrp-1@Lehigh.EDU
Subject: [164541] Resistor wire
Message-ID: <3FF9AB49.7020400@att.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1; format=flowed
Content-transfer-encoding: 7BIT

I am looking for resistor wire to use in a shunt. Around 20 milliohms will do the job. Around 3" would be a nice length.

If memory serves, 22 ga. copper is about right, but is light for the 15 amps that will sometimes be flowing. Also, the restance of copper is rather temperature dependent. Nichrome wire resistance is way too high.

Are there any resistance wires that have low specific resistance and good thermal properties? I suspect what is used in analog meters is what I am looking for.

Ken KC2JDY

>

Date: Mon, 05 Jan 2004 12:44:03 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: k17r@NOSPAM!.yahoo.com,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [164542] Re: AMQRP DDS Daughter Card Questions
Message-ID: <3.0.6.32.20040105124403.007c9590@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Q2: What can be done to limit power consumption of the
>daughter card?

>

Not much, not with out major modifications.

You might be able to drop 15 ma or so by eliminating the MMIC, depending what you'll be driving with the DDS. Changing R1 back to 3.9K will rise the raw output back up to about 1 v p-p, suitable for driving the L0 input of a SA612.

Any further reduction in current would require reducing the clock frequency and possibly replacing the 5 volt regulator with a 3.3 volt type.

72,

Steve, KD1JV

"Melt Solder"

White Mountains of New Hampshire

<http://www.qsl.net/kd1jv/>

Date: Mon, 05 Jan 2004 13:42:09 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-1@lehigh.edu
Subject: [164543] Re: American QRP Club News
Message-ID: <3FF9B001.9050300@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

> Right now, AmQRP sponsors the NJQRP
> Homebrewer Sprint contest held in the early spring and and fall, originally
> started by NJ QRP Club, and the very popular QRP to the Field, originally
> sponsored by the NorCal QRP Club.

Does this mean we may soon see the results from the April 2003 QRPTTF?

John W2AGN

Date: Mon, 5 Jan 2004 14:03:18 -0500
From: "palmer_t" <ThomasPalmer@colliergov.net>
To: <qrp-l@Lehigh.EDU>
Subject: [164544] Re: WAS 2 way QRP in 2004
Message-ID: <C318A0DD37943143AADB8DA1362D84001D5614@bccex0101.bcc.colliergov.net>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

My experience with WAS QRP on 20 meters was that (from Florida) Hawaii =
was not difficult, nor was Alaska.

Some of my toughest states on 20 were not that far away from Florida. =
As best I recall on 20, South Carolina
was "49 of 50" and Indiana was "50 of 50." =20

=09

Your 50th state may well be a state you expect to be easy pickings. =20

Recommendations:=20

1. Hang out on a 20 meter QRP-CW calling frequency. You may need a few =
"skeds" for your "last few" states. It's the last few states that =
take the time. It could take as much time for the last 5 as the first =
45 =20

=09

2. If you're in a SSB QSO on 20 (or other band) and 20 meters =
conditions appear favorable, suggest a QSY to 20 for a 2 by QRP QSO. =
Often the other ham in your QRO QSO will readily agree to try a 2 by QRP =
QSO is he or=20

she has the time and capability. Some hams may even express a real =
interest to be in your WAS QRP log. =20

3. Contests where the exchange indicates the other operator is =
operating at QRP power and state can be a means
to pick up some of the harder to get states, such as, in my case, =
Wyoming, Utah, R.I. and Delaware. =20

Good Luck on your WAS 2 x QRP on 20! =20

=09
Tom, N1TP
Naples, Florida. =20

Date: Mon, 5 Jan 2004 19:37:17 -0000
From: "Paul J Mackanos, Jr." <paul@prohomeinspector.net>
To: <qrp-l@Lehigh.EDU>
Subject: [164545] QRP RTTY
Message-ID: <PNEKINNJBIMILABIMJBGAGEAJCIAA.paul@prohomeinspector.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I would like to play around with RTTY. I have absolutely NO experience with the mode, but it sure looks interesting. Can anyone help me out with what I have to do to modify or use the Red Hot 20. I have been advised to use MMTTY as a software program, and I have a laptop with a sound card. What else do I have to do ? The manual talks about data modes, so I thought I would ask here and not flop around trying to invent a wheel.
Thanks, Paul K2DB

Date: Mon, 5 Jan 2004 14:53:33 -0500
From: "Dale Parfitt" <par@parelectronics.com>
To: <qrp-l@lehigh.edu>
Subject: [164546] QRP Gear
Message-ID: <020101c3d3c5\$9ad53d30\$e59bf043@D57H2931>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bruce Muscolino wrote:

Paul and the gang. Let me first ask what is a QRP antenna? Or for that matter, what is a QRP antenna tuner. The QRP designation applies to input or output POWER. It has nothing to do with rigs or antennas or anything else on your operating desk. If I were you I would write that down and refer to it before you make another posting.

I would have to say that a QRP antenna would be one that is incapable of handling more than QRP power- as in:

<http://www.eham.net/reviews/detail/3717>

A QRP tuner would be one that for either I squared R reasons, or voltage breakdown is incapable of handling more than QRP power

A bit of a stretch, but one might define a QRP RX as one that draws minimal current (making it ideal for portable work) and/or only tunes the QRP calling freqs.

Am I missing something here?
73,

Dale W40P

Date: Mon, 5 Jan 2004 12:01:05 -0800
From: "Lee Hopper" <leehopp@msn.com>
To: "Posting to the list QRP-L" <qrp-l@Lehigh.EDU>
Subject: [164547] Slightly OT: 200W Amp with 5A drive
Message-ID: <BAY4-DAV145bUaMWeOq0001ea8c@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey, fellow qrp'ers - ever get the urge to put the pedal to the metal? Well, in the recent issue of QEX, they describe a class E/F 40M CW amp that runs on 12V, takes 5W drive & puts out 200W - all this with a volume of only 3x3x4 inches.

I think this gives about 16 dB gain. As we say out west:
YeeeeeeeeeeeeeeeeHaaaaaaaaaaaaaaaaaaaaawwwwwwwww!

Those of you that have seen the article, how hard do you think it might be to make it? It only has a few components - looks like a fairly inexpensive project - the output mosfets are IRFP044N's at about \$3 each.

73 -

Lee Hopper, NB7F
Portland, OR

Date: Mon, 5 Jan 2004 12:25:16 -0800
From: "Doug Hendricks" <ki6ds@dospalos.org>

To: <qrp-1@lehigh.edu>
Subject: [164548] Need email address for Jeff Furman
Message-ID: <00f201c3d3ca\$07b1c050\$1fdbd7a8@Dougie>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Please reply offline. Thanks, Doug

Date: Mon, 5 Jan 2004 12:58:16 -0800 (PST)
From: Bob KB2FEL <kb2fel@yahoo.com>
To: ai2q@adelphia.net,
 Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [164549] Re: First QSO bliss
Message-ID: <20040105205816.58170.qmail@web60502.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Alex,

Congrats to the man who inspired me to learn CW. I
can sense your excitement all the way down here in WV.
After all the work, Its always fun to make that first
contact. It looks like a cool little rig. Hope you
have lots of fun with it.

Does this mean you will now become one of those very
opinionated 80 meter SSB ops ... Hi Hi.
ooops.... I am not saying that is a bad thing just
wondering. Hi Hi.

72
Bob
KB2FEL/8

--- AI2Q <ai2q@adelphia.net> wrote:
> Well, now that the holiday hubbub is over, I got
> some time to work on my
> homebrew SSB transceiver.
>
> I mechanically mounted my little driver/PA
> submodules in my fourth "Keep It
> Simply Sideband" chassis/module today, and

> interconnected some changeover
> relay cables to the other three modules, and----put
> the little KISS rig on
> the air for the first time. I used my lab supply to
> feed it 12.8-V. At that
> voltage, it draws 140-mA in RCV, jumping to 480-mA
> in XMT. Everything looked
> good on my Tek 465B connected across the S0-239 at
> the rig's output.
>
> Feeling lucky, I hesitantly broke into an SSB
> roundtable at about 3.85-MHz
> at 12z, and immediately caught the attention of
> KM1A, John in Connecticut.
> He gave me a 5 x 4 report from my QTH here in
> southern Maine.
>
> Ain't too bad for what I measure on my scope at
> about 600-mW PEP, eh?
>
> I calculated output power as $P = E(\text{peak})^2/2R =$
> $8^2/2(50) = 64/100 = 640 \text{ mW}.$
>
> The REALLY exciting part of this milliwatt QSO was
> that the other members of
> the roundtable chimed in!
>
> VE3VKH, Ray, in Ottawa copied me clearly, and I also
> got "clear copy"
> reports from other ops (didn't catch their
> call signs, as I was so excited
> logging this) on Prince Edward Island and New
> Jersey. This was VERY cool, I
> gotta say. Even these cats were excited.
>
> A few minutes later and a few kc up the band, I made
> another ssb QSO with
> WB1AIJ, Bob, in East Hartford, but he had a hard
> time copying me due to QRM,
> and then someone broke in to ask if he could call
> his friend on the
> frequency. The breaker made his call and then
> congratulated Bob on being a
> "great operator" because he let him break
> in----clobbering my QSO. Oh, well,
> what can I expect with a whisper QRP rig?
>
> Anyway, I made some JPEGs before and during final

> assembly, and when I put
> the rig on the air on my workbench, so I'll update
> my Web pages soon.
>
> Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687
> <http://users.adelphia.net/~alexmm/ai2q.htm>
>
> .-.-.
>
>
> .-.-.
>

Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Mon, 5 Jan 2004 14:58:32 -0600
From: "Jim Sheldon" <w0eb@cox.net>
To: "QRP-L Mailing List" <qrp-l@Lehigh.EDU>
Subject: [164550] RE: American QRP Club News
Message-ID: <IBEGLCMLCDHHEFLBPHBOCEBODAAA.w0eb@cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Does this mean we might get to see the results of last Halloween's (2003)
Zombie Shuffle?

Jim - W0EB

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
John Sielke
Sent: Monday, January 05, 2004 12:42 PM
To: Low Power Amateur Radio Discussion
Subject: Re: American QRP Club News

> Right now, AmQRP sponsors the NJQRP
> Homebrewer Sprint contest held in the early spring and and fall,
originally
> started by NJ QRP Club, and the very popular QRP to the Field, originally

> sponsored by the NorCal QRP Club.

Does this mean we may soon see the results from the April 2003 QRPTTF?

John W2AGN

Date: Mon, 5 Jan 2004 13:17:29 -0800 (PST)
From: Shawn Upton <kb1ckt@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [164551] Re: OT: Car RFI on 2m
Message-ID: <20040105211729.68373.qmail@web60404.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Meant to reply to all earlier...

Found the issue. While listening on a second receiver on battery power, I found that the noise only existed when the radio was turned on. I took the radio inside, put it on a regulated supply, and found the noise once again. It's probably a bad solder joint or similar.

Thanks for the help.

KB1CKT
Shawn

--- Philip L Carter <pcarter@gcfn.org> wrote:
> I think I would check 2 things: Connections to
> battery and ground. The
> star washer used under the ground screw should be
> external/internal
> combination type. Make sure it hasn't corroded or
> loosened. Check battery
> terminal connection, and pull the connection from the
> underhood fuse block and
> make sure it hasn't loosened. If these are OK<
>
> Check the ground mounting screws on the antenna
> mount. Sometimes you can
> get rust, etc under the set screws where they look
> tight, but aren't. If ok<
>
> Check with a ac millivoltmeter across the dc supply

> at the radio and see
> if you can see any hash ac voltage there. Probably
> not, if the RS filter
> is working properly. If it is the LC type, you
> could have a bad
> connection, or the ground lead of the RS system
> could be loose.
>
> Worst possibility is that you have a diode going out
> of the alternator.
> You will get no warning on this, but things will all
> of a sudden not work
> right. As the battery gets weaker and weaker,
> things will shut down until
> nothing is left working. Cruise control is the
> first thing to stop
> working, but I don't think you have it on the SL.
> It usually takes the
> battery with it. Have you noticed anything else
> happening on the car?
>
>
> NRE/COLE Test Center OH-3
> pcarter@gcfn.org or wd8qwr@arrl.net
> Philip L. Carter, WD8QWR
> wd8qwr@w8cqk.#cmh.oh.usa.na
>
>

Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Mon, 05 Jan 2004 16:29:47 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>, noga <nogaqrp@mailman.qth.net>
Subject: [164552] dBm>V>Po Conversion Table
Message-ID: <6.0.0.22.2.20040105162606.01ed8080@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I can't remember if I have posted this before... but even if I have, it bears repeating: a great dBm - Volts - Power Conversion Table that prints as a single page PDF can be found in the MiniCircuits website at URL

<<http://www.minicircuits.com/dg03-110.pdf>> .

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Mon, 5 Jan 2004 13:31:15 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [164553] Re: QRP RTTY
Message-ID: <20040105213115.GA15489@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Mon, Jan 05, 2004 at 07:37:17PM -0000, Paul J Mackanos, Jr. wrote:
> I would like to play around with RTTY. I have absolutely NO experience with
> the mode, but it sure looks interesting. Can anyone help me out with what I
> have to do to modify or use the Red Hot 20. I have been advised to use MMTTY
> as a software program, and I have a laptop with a sound card. What else do I
> have to do ? The manual talks about data modes, so I thought I would ask

> here and not flop around trying to invent a wheel.
> Thanks, Paul K2DB

You will need to adjust TC6 such that the RH NC-20 receives on lower sideband. To transmit, you will need to add circuitry to get a 170 Hz shift when keyed by a space signal. This could easily be accomplished by switching in a voltage offset to U1 similar to the way RIT is accomplished.

However, I am not familiar with MMTTY and don't know if it, or any of the sound card RTTY programs have provision for direct FSK keying, as opposed to AFSK (they are normally intended for use with SSB radios). That might be a stumbling block.

Bob, N7XY

Date: Mon, 05 Jan 2004 16:32:02 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [164554] RE: American QRP Club News
Message-ID: <3FF9D7D2.4020804@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

> Does this mean we might get to see the results of last Halloween's (2003)
> Zombie Shuffle?
>
> Jim - W0EB
>

Hey Jim, October was only 2.5 months ago, I'm still hoping for last April's QRPTTF. Have sent 2 queries to this list in past 3 months, as have others. Also sent 2 inquiries to the email link on the Norcal page. No response, nada, zilch, zip.

I guess that's the way it gets, when you get to be big.

John W2AGN

Date: Mon, 5 Jan 2004 16:48:43 -0500
From: "Emmersome Bigguns" <n8ie@woh.rr.com>
To: "QRP-l" <qrp-l@lehigh.edu>

Subject: [164555] RE: American QRP Club News
Message-ID: <MMEDLKDLONJJOAIGICDJAGEBPFFAA.n8ie@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

No, it just means we can add yet another number to our taglines. :-D

72, oo
Dan, N8IE

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Jim Sheldon
Sent: Monday, January 05, 2004 3:59 PM
To: Low Power Amateur Radio Discussion
Subject: RE: American QRP Club News

Does this mean we might get to see the results of last Halloween's (2003) Zombie Shuffle?

Jim - W0EB

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of John Sielke
Sent: Monday, January 05, 2004 12:42 PM
To: Low Power Amateur Radio Discussion
Subject: Re: American QRP Club News

> Right now, AmQRP sponsors the NJQRP
> Homebrewer Sprint contest held in the early spring and and fall,
originally
> started by NJ QRP Club, and the very popular QRP to the Field, originally
> sponsored by the NorCal QRP Club.

Does this mean we may soon see the results from the April 2003 QRPTTF?

John W2AGN

Incoming mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.554 / Virus Database: 346 - Release Date: 12/20/2003

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Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.554 / Virus Database: 346 - Release Date: 12/20/2003

Date: Mon, 05 Jan 2004 16:50:36 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>, noga <nogaqrp@mailman.qth.net>
Subject: [164556] RE: Earlier question about RF XFMR
Message-ID: <6.0.0.22.2.20040105164722.01fadac8@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

And speaking of MiniCircuits, there was a question earlier today about why the RF transformer(s) in an amplifier circuit were behaving-or not-the way they were... see the MiniCircuits PDF called "How RF Transformers Work" at: <<http://www.minicircuits.com/appnote/howxfmerwork.pdf>> .

73 Ed Tanton N4XY <n4xy@earthlink.net>

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website: <http://www.n4xy.com>

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End of QRP-L Digest 3156
